

EDITORIAL INDEX

your guide to this year's features

BUS FLEETS

CARTA's New Maintenance Shop	Feb.	90
Transbus and The Aftermath	Feb.	94
Wayne Corp. Builds School and Adult Buses	Feb.	106
Japanese Hino Buses To Be Operating Soon in New York	Mar.	46
1981 State Vehicle Size and Weight Limits	Apr.	94
Maintenance From A Wheelchair (Al Powell, Metro Transit Authority)	June	161
Pros and Cons of the Articulated Buses	July	104
Final Report of Test Clutch Shows Longer Life at Toms River, NJ, School District	July	158
1982 Integral and School Bus Makes & Models	Oct.	248

CONSTRUCTION

CONEXPO '81 Construction Equipment	Mar.	104
Refinished Trucks Encourage Good Maintenance	Sept.	138

COSTS & RECORDS

How To Save Time and Money When You Buy A New Truck (Fleet Guide Forms)	Apr.	282
Financial Gains and Losses of Top 100 For-Hire Motor Carriers for 1980	June	121
1980's Top 100 Class I Carriers	June	130
A Look At Large Private Fleets	June	138
1980 Industry Trends and Statistics	June	145

DATA PROCESSING

CFS Continental... Meeting the Challenge	Jan.	74
FCS-Red Card is Backed up by Electronic Reports (Fleet Control Services)	Feb.	110
Motor Cargo, Inc. Computerizes for Expansion	Aug.	166

DIRECTORIES

State Reciprocity, Fuel Tax & Oversize/Overweight Contact Offices	Apr.	88
---	------	----

Heavy-Duty Service Directory	Apr.	147
Technical Data Directory & Direct-Action Post Cards	Apr.	231
1982 Fleet Buyers' Directory	Oct.	141
1982 Guide to Remanufactured Components	Oct.	269
1982 Catalog Directory of Products & Services	Oct.	285

ENGINES

Cummins' Engine Upgrade Kit Increases Fuel Economy	Jan.	142
The Maintenance Shop—Engine Diagnostics	Mar.	TMS-1
Cummins Announces New 1600-rpm Fuel Economy Engine—Fleet 270	Apr.	256
New Mack Econodyne Engines Boast Fuel Economy and Durability	Apr.	258
AVCO's Two New Diesels Repower Light Trucks	June	174
1982 Diesel & Gasoline Engine Power Ratings	Oct.	256

FLEET OPERATION & UTILIZATION

CFS Continental... Meeting the Challenge	Jan.	74
Pirkle (Refrigerated Freight Lines) In A Pickle	Jan.	96
A "Benchmark" For Maintenance (City of Phoenix, AZ)	Feb.	99
1981 Interstate Reciprocity Guide	Apr.	81
Where 5-Axle Doubles & Tractor Semis Can Go	Apr.	93
1981 State Vehicle Size & Weight Limits	Apr.	94
Buying Lightweight Equipment—Scharff Motor Freight	May	101
The First Commercial Cross-Country Haul Recalled (Philadelphia to San Francisco, June 1912)	June	156
Final Report of Test Clutch Shows Longer Life at Toms River, NJ, School District	July	158
Ensign-Bickford Business is Booming... Safely (Explosives Hauling)	Aug.	93
Radar Brakes Lookin' Good (Preston Trucking Co.)	Aug.	114

INDEX

Signal Delivery Service . . . Dollar Savings Through Safety	Aug.	117
Motor Cargo, Inc. Computerizes for Expansion	Aug.	166
Indianhead Truck Line's Fuel Conservation Program	Aug.	168
The Hunt for Better MPG (J. B. Hunt Co.)	Sept.	69
Coal Haulin' Blues—Earl Adkins	Nov.	76

FLEET PASSENGER CARS

1981 U.S. Passenger Car Specs	Apr.	137
Factory Installation Optional Equipment 1980-1977	Apr.	139
1981 EPA Gas Mileage Guide	Apr.	140

FREIGHT HANDLING

Revitalized Railroads Are Primed for Piggyback	Jan.	86
--	------	----

FUELS, FUEL ECONOMY & LUBRICATION

Cummins' Engine Uprate Kit Increases Fuel Economy	Jan.	142
Spec'ing For More MPG	Mar.	87
Drain Oil and Diesel Fuel Blending	Mar.	97
1981 State Fuel Taxes	Apr.	94
1981 EPA Gas Mileage Guide	Apr.	140
AVCO's Two New Diesels Repower Light Trucks	June	174
Indianhead Truck Line's Fuel Conservation Program	Aug.	168
SPECIAL REPORT: Maximizing Miles Per Gallon	Sept.	65
The Hunt for Better MPG (J.B. Hunt Co.)	Sept.	69
Cooling with Electric Fans	Sept.	74
Driver Motivation: A New Emphasis on Fuel Savings	Sept.	79
The Mexican Ripoff: Diesel Fuel Smuggling	Sept.	84
Kysor Engine Temperature Control System Saves Fuel	Sept.	117
Fuel Horror Story Highlights Maintenance Council Meeting	Oct.	356
Caterpillar's Fuel Economy Contest Winners Take Home \$160,000	Nov.	96
Diesel Fuel Contamination: Causes, Cures & Prevention	Nov.	99

INDUSTRY STATISTICS

(See also "Facts & Figures" Department in each issue)

Financial Gains and Losses of Top 100 For-Hire Motor Carriers for 1980	June	121
1980's Top 100 Class I Carriers	June	130
A Look At Large Private Fleets	June	138
1980 Industry Trends and Statistics	June	145

LAWS & REGULATIONS

(See also department on this subject in each issue)

Economics & Government: Twin Rulers for the '80s	Jan.	103
ICC Oversight Hearings on Deregulation	Mar.	92
1981 Interstate Reciprocity Guide	Apr.	81
Where 5-Axle Doubles & Tractor Semis Can Go	Apr.	93
1981 State Vehicle Size & Weight Limits	Apr.	94
Heavy Duty Safety on a Lightweight Budget (BMCS & NHTSA)	Aug.	109
Tractor-Trailer Pre-Trip Inspection Forms	Aug.	122

MAINTENANCE: PROGRAMS & PROCEDURES

(See also Ed Shea's Maintenance Page in each issue)

CFS Continental . . . Meeting the Challenge	Jan.	74
The Maintenance Council's Winter Meeting: New Challenges Ahead!	Feb.	87
A "Benchmark" For Maintenance (City of Phoenix, AZ)	Feb.	99
Harry Fink, Vice Pres., Arkansas Best Freight System: Maintenance Executive-of-The-Year	May	88
TMC's Spring Meeting: The Rocky Road to Regulation	May	104
Cooling System Maintenance Saves Time and Money	May	109
Maintenance From A Wheelchair (Al Powell, Metro Transit Authority)	June	161
Maintenance Conferences Roundup in Seattle and Toronto	June	165
FMC Corp. System Aligns Wheels by Computer	Sept.	100
Refinished Trucks Encourage Good Maintenance	Sept.	138
Eliminate Unproductive Labor Costs with Fleet Guide Plates	Oct.	219
Fuel Horror Story Highlights Maintenance Council Meeting	Oct.	356
Mechanics Productivity in the Maintenance Shop	Nov.	93

MAINTENANCE: TOOLS & EQUIPMENT

Shop Tools & Equipment Reference Guide	Apr.	107
Shop Tools & Equipment Productivity Guide	Apr.	120

THE MAINTENANCE SHOP (Bi-Monthly Series)

Parts and Equipment Cleaning	Jan.	TMS-1
Engine Diagnostics	Mar.	TMS-1
Powered Hand Tools	May	TMS-1
Lifting Equipment	July	TMS-1
Tire Service Equipment	Sept.	TMS-1
Battery Charging and Testing	Nov.	TMS-1

PERSONNEL MANAGEMENT & LABOR RELATIONS

(See also monthly Labor Column)

CFS Continental . . . Meeting the Challenge	Jan.	74
Fitzsimmons/Presser/Reagan Connection to Greater Teamster Power	Mar.	80
Harry Fink, Vice Pres., Arkansas Best Freight System: Maintenance Executive-of-The-Year	May	88
What's Ahead with Roy Williams and The Teamsters	July	94
Feudin' and A Fussin' at N.J. Union Local 701	July	114
Driver Attitude . . . Key to Accident Reduction	Aug.	104
Coal Haulin' Blues—Earl Adkins	Nov.	76
Mechanics Productivity in the Maintenance Shop	Nov.	93
The Sandlappers of Raven Road—New ATA Chairman, Dick Few	Dec.	81

PUBLIC RELATIONS

Winners of the Commercial Vehicle Safety and Graphics Contest	May	111
The Sandlappers of Raven Road—New ATA Chairman, Dick Few	Dec.	81
CCJ's 1981 Safe Driver Rookie-of-The-Year Winners	Dec.	78

REFRIGERATION

Improving The Life of The Reefer User	Feb.	77
---------------------------------------	------	----

REMANUFACTURED PARTS & COMPONENTS

Jasper Engines & Transmission: One-Stop Shop for All Kinds of Rebuilds	Mar.	148
New? Used? Remanufactured? What's Best for You—Part 1 (Engine Rebuilding)	July	88
New? Used? Remanufactured? What's Best for You—Part 2 (Engine Components)	Sept.	94
1982 Guide to Remanufactured Components Rebuild/Remanufactured: Part 3 (Non-engine Related Components)	Oct.	269
Rebuild/Remanufactured: Part 4 (Starters and Alternators)	Nov.	87
	Dec.	88

SAFETY & DRIVER TRAINING

(See also department on Safety in each issue)

Winners of the Commercial Vehicle Safety and Graphics Contest	May	111
Ensign-Bickford Business is Booming . . . Safety (Explosives hauling)	Aug.	93
Multipiece Rims are Alive and Well	Aug.	98
Driver Attitude . . . Key to Accident Reduction	Aug.	104
Heavy Duty Safety on A Lightweight Budget	Aug.	109
Signal Delivery Service . . . Dollar Savings Through Safety	Aug.	117
Safety and Training Aids	Aug.	121
Tractor-Trailer Pre-Trip Inspection Forms	Aug.	122
CCJ/PTCA 1981 Vehicle Safety & Graphics Contest	Aug.	128
SPECIAL REPORT: Maximizing Miles Per Gallon	Sept.	65
Driver Motivation: A New Emphasis on Fuel Savings	Sept.	79
CCJ's 1981 Safe Driver Rookie-of-The-Year Winners	Dec.	78

SPECIFICATIONS

Spec'ing For More MPG	Mar.	87
1981 U.S. Passenger Car Specs	Apr.	137
1982 Vehicle Makes & Models and Components Specs	Oct.	221
1982 Yard Jockey Makes & Models	Oct.	246
1982 Integral and School Bus Makes & Models	Oct.	248
1982 Transmission Models and Ratios	Oct.	250
1982 Diesel & Gasoline Engine Power Ratings	Oct.	256
1982 Rear Axle Ratings	Oct.	258
1982 Front Axle Ratings	Oct.	260
1982 Fifth Wheel Makes & Models	Oct.	261
Economics of Spec'ing Lightweight Vehicles	Dec.	70

THEFT & SECURITY

Pirkle (Refrigerated Freight Lines) In A Pickle	Jan.	96
The Mexican Ripoff: Diesel Fuel Smuggling	Sept.	84

VEHICLE & EQUIPMENT DESIGN

(See also Technically Speaking page in each issue)

Marmon Custom Finishes Top-of-Line Trucks	Jan.	130
Peterbilt Develops All-New COE	Jan.	134
Rockwell International Develops Truck Air Disc Brake	Jan.	144
Transbus and The Aftermath	Feb.	94

Wayne Corp. Builds School and Adult Buses	Feb.	106
CONEXPO '81 Construction Equipment	Mar.	104
New "Eagle" CO-9760 Tops IH Cabover Line	Mar.	120
Ford LTL-9000 Model Makes Room for The Big Bore Diesels	Mar.	118
Mercedes Introduces Diesel-Powered Tractor—Model LS1418	Mar.	123
Cummins Announces New 1600-rpm Fuel Economy Engine—Fleet 270	Apr.	256
New Mack Econodyne Engines Boast Fuel Economy and Durability	Apr.	258
Eaton's New Air Disc Brake Cuts Weight and Labor	Apr.	262
Clayton Mfg. Designs A More Accurate Heavy Dynamometer—LRT-800	Apr.	270
International Introduces Cargostar CO-1750B and S-Series 1654	Apr.	272
New Vehicles and Equipment at International Truck Show	May	98
Low-Cab-Forward Tractor from Kenworth	May	131
Rockwell's Tandem Axle Designed for Energy-Saving Engines	May	132
First Transmissions in Fuller New Generation	May	136
Morgan's Fuel Economy Van Body	May	149
AVCO's Two New Diesels Repower Light Trucks	June	174
Farr Co. Air Cleaner Designed for Today's Truck Market	June	188
Rockwell Announces Two New Front Axles	June	194
Eaton Corp.'s New Tandem Axle Family	July	126
Final Report of Test Clutch Shows Longer Life at Toms River, NJ, School District	July	158
Multipiece Rims are Alive and Well	Aug.	98
Radar Brakes Lookin' Good (Preston Trucking Co.)	Aug.	114
Easy-Maintenance Transmissions from Spicer	Aug.	152
SPECIAL REPORT: Maximizing Miles Per Gallon	Sept.	65
The Hunt for Better MPG (J.B. Hunt Co.)	Sept.	69
Cooling with Electric Fans	Sept.	74
FMC Corp. System Aligns Wheels by Computer	Sept.	100
Ramsey Winch Co. Invents Jawless Winch Clutch	Sept.	102
Kysor Engine Temperature Control System Saves Fuel	Sept.	117
Dodge's '82 Power Ram 50 Custom and Power Ram 50 Sport Series Pick-up Line	Oct.	312
Freightliner Redesigns COE and Conventional Model Cabs in 1982 Line	Oct.	314
Caterpillar's Fuel Economy Contest Winners Take Home \$160,000	Nov.	96
Special Trailers Increase Productivity (Trailer Corp. of America)	Nov.	144
Economics of Spec'ing Lightweight Vehicles	Dec.	70

VEHICLE SELECTION & REPLACEMENT

(See also Technically Speaking page in each issue)

Jackknife in the Balance	Jan.	81
Factory Installation Optional Equipment	Apr.	139
How To Save Time and Money When You Buy A New Truck—Fleet Guide Forms	Apr.	282
Buying Lightweight Equipment—Scharff Motor Freight	May	101
Getting the Most for Used Fleet Trucks	July	100
1982 Fleet Buyers' Directory	Oct.	141
1982 Vehicle Makes & Models and Component Specs	Oct.	221
1982 Yard Jockey Makes & Models	Oct.	246
1982 Integral and School Bus Makes & Models	Oct.	248
1982 Transmission Models and Ratios	Oct.	250
1982 Diesel & Gasoline Engine Power Ratings	Oct.	256
1982 Rear Axle Ratings	Oct.	258
1982 Front Axle Ratings	Oct.	260
1982 Fifth Wheel Makes & Models	Oct.	261